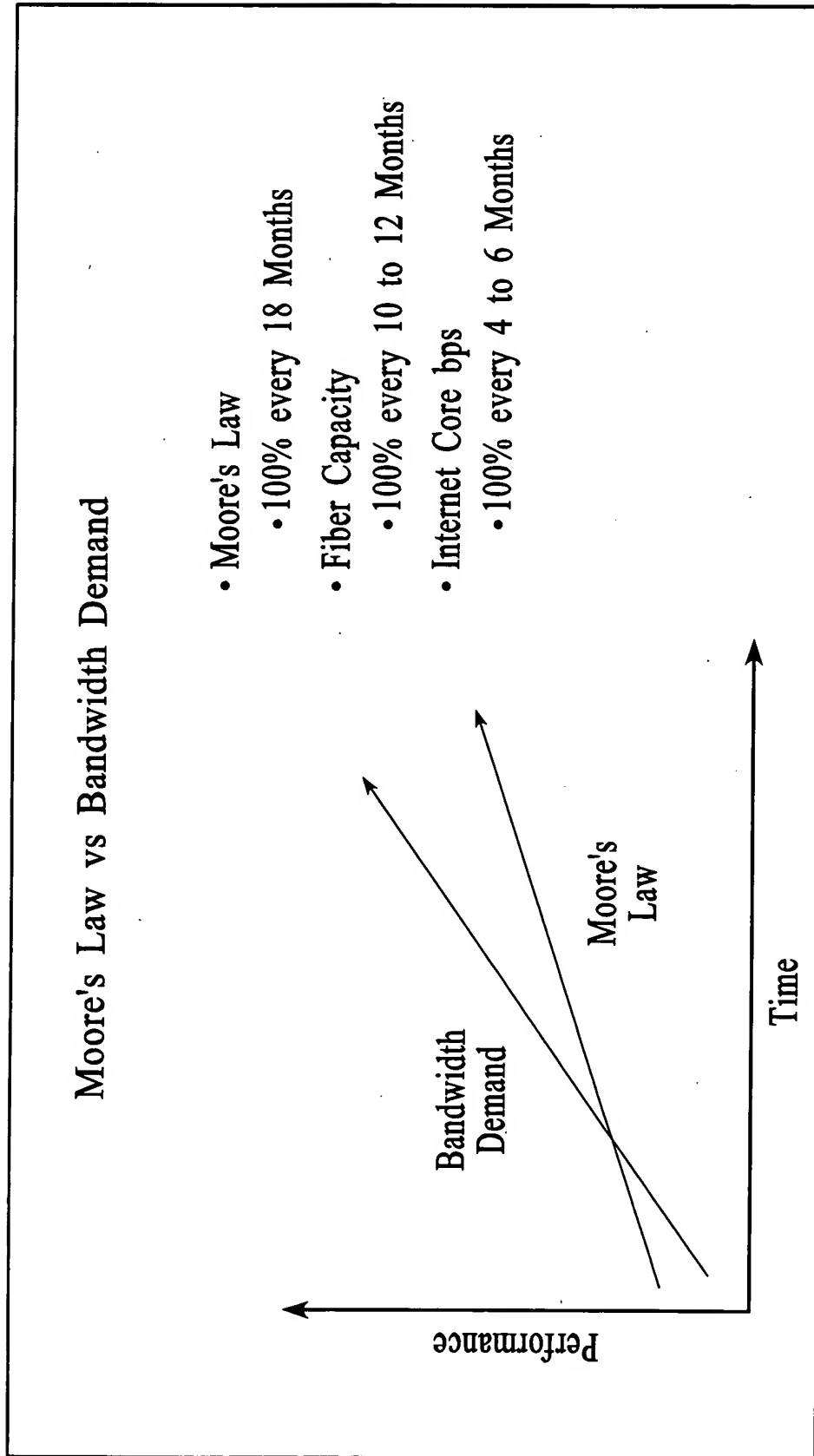
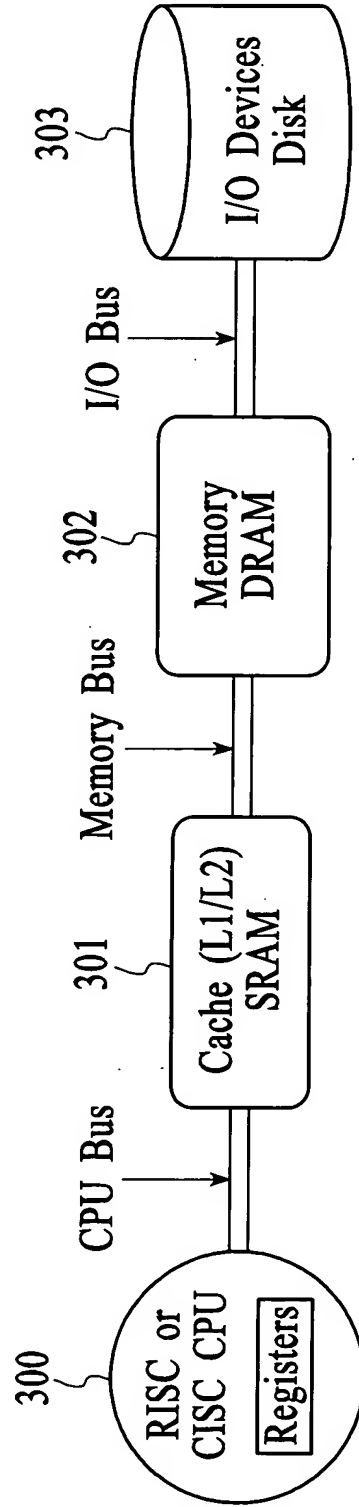


**FIG.1**



**FIG.2**

# Memory Hierarchy in a Computer System



<b>Registers:</b>	<b>Cache:</b>	<b>Main Memory:</b>	<b>Disk Storage:</b>
100 to 500 Bytes	32K - 512K Bytes	32M - 4G Bytes	4G - 256G Bytes
@200 Mhz = 5 nS	@200 Mhz = 10 nS	@200 Mhz = 10 nS	@200 Mhz = 10 nS

FIG.3

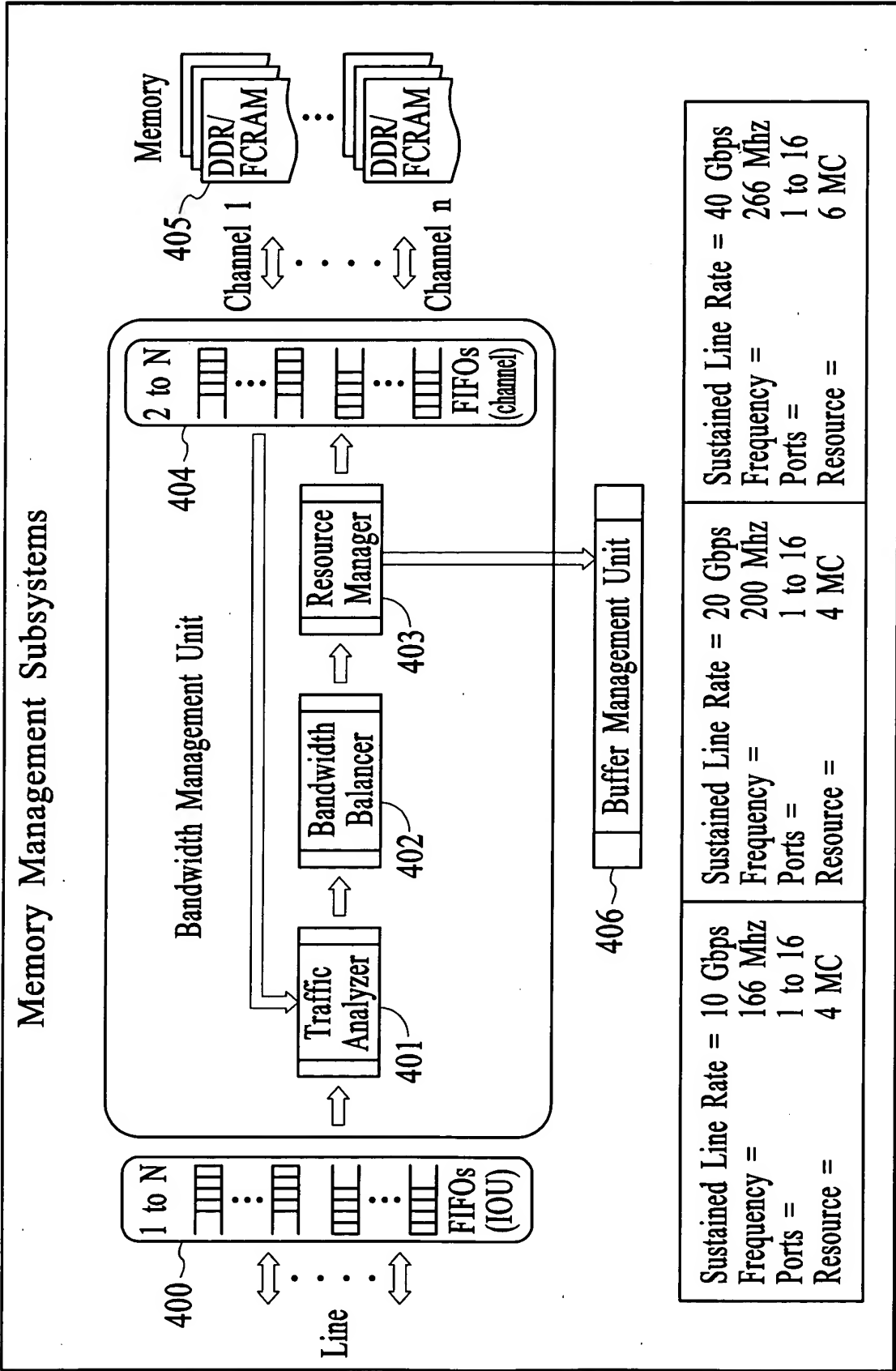


FIG.4

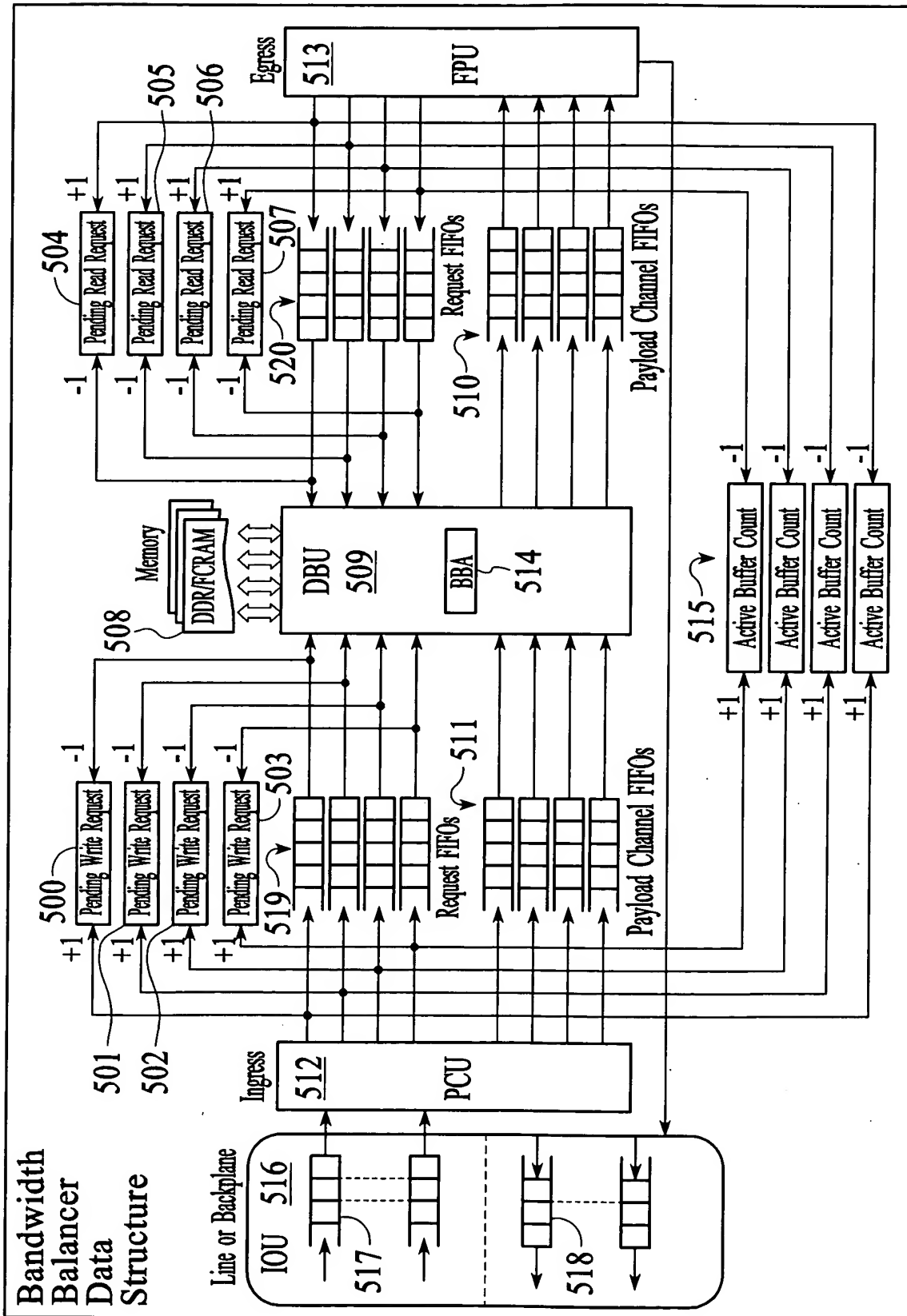


FIG.5

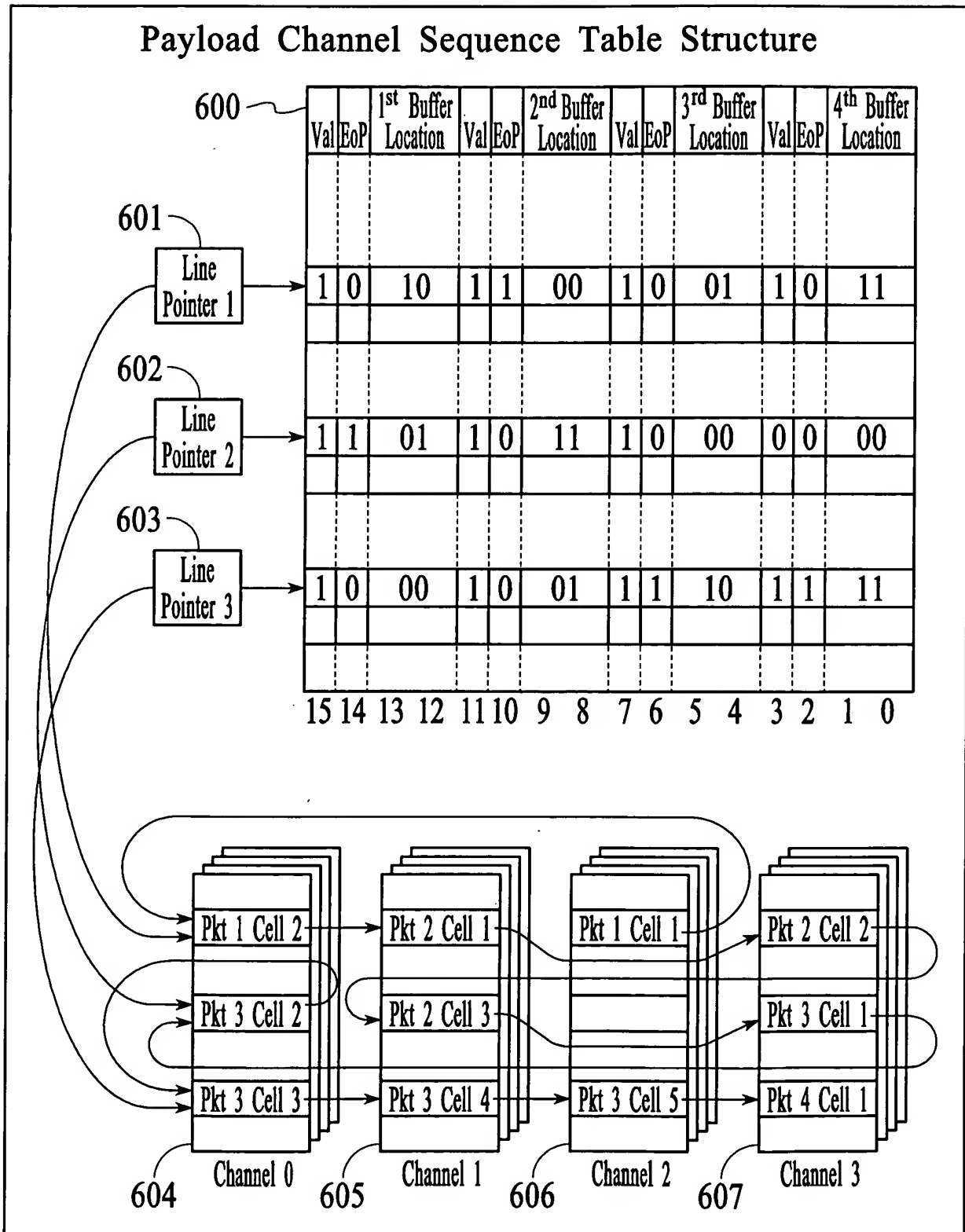
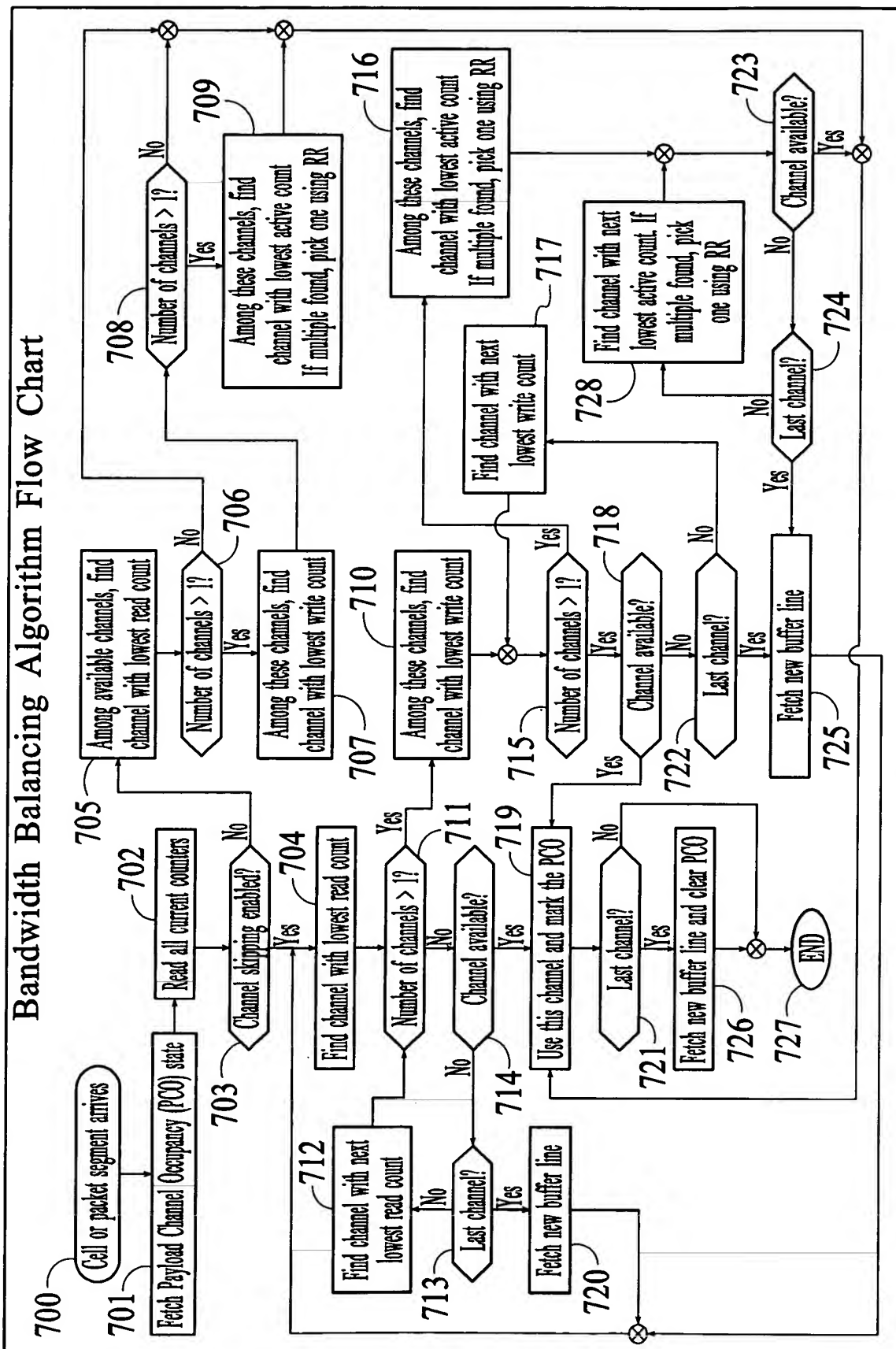


FIG.6



**FIG. 7**